

## Boreal Sheep Project

Project Leader: Morten Tofastrud, [morten.tofastrud@inn.no](mailto:morten.tofastrud@inn.no)

Project Contact: Sarah Malick-Wahls, [sarah.malickwahls@inn.no](mailto:sarah.malickwahls@inn.no)

The traditional practice of sending domestic sheep to the outfields for free-range grazing in forests or mountain pastures in summer faces several challenges in the modern era including the recovery of carnivores in parts of Norway and the use of wild areas for recreation and timber extraction. The primary objective of the boreal sheep project is to generate knowledge about how silvopastures with sheep inside and outside carnivore proof fences in boreal production forest can be sustainably utilized for ecosystem services such as production of livestock and timber and multipurpose values. The specific opportunities we have for students during summer (May-August) are focused on one aspect of this larger project that will examine the effects of sheep grazing on forest regeneration and plant cover.

Work on this project involves hiking on uneven ground, traveling by car to several field sites in the southeastern Norway boreal forest, and vegetation sampling.

Skills developed during the course of this field work>

1. Off-trail navigation in a forest environment
2. Use of field data collection apps
3. Vegetation sampling methodology

No prior experience in plant identification is required, but a positive attitude in difficult field conditions is important.